

Remarks

Claims 1-19, 21-39 and 41 were pending. Applicants have proposed that claims 1-9 and 17-26 be cancelled after final in order to expedite a Notice of Allowability after final.

Applicants assert that all pending claims are in condition for allowance after final as set forth more fully below.

102 Rejections

Claims 1-4, 6-18, 27-39, and 41 stand rejected under 35 USC 102(b) as being anticipated by Swanson (US Pat 5,867,558). Applicants respectfully traverse these rejections in relation to claims 10-16, 27-39, and 41.

Claims 10-16

Claim 10 recites, in part, receiving all telecommunication call records from a plurality of remote telecommunication devices at a plurality of switches in communication with a switch master, transmitting all dial digits from the plurality of switches to the switch master, wherein the switch master is in communication with a computing system, transmitting all telecommunication call records from the switch master to the computing system, and storing all telecommunication call records in a database in communication with the computing system. Thus, all of the dial digits and call records are passed from the switch to the switch master and from the switch master to the computing system, as opposed to transferring only a select few of the call records. The recitations of claim 10 are contrary to Swanson.

Swanson discloses that the Signal Monitoring System 160, which the Office Action has equated to the switch master of claim 10, receives on those messages “of interest” that originate from the switch. The “of interest” designation is defined by filters set forth in the interface unit 170. This interface unit 170 receives a filter parameter and then applies that filter to the messages from the switch so that only those messages that are of interest are provided to the SMS 160.

Claim 10 on the other hand provides for all dial digits from a plurality of switches being provided to the switch master. These recitations alone are allowable over Swanson. Swanson states that one of the filter parameters may be to allow all messages from one switch. However, even then, Swanson is still failing to allow all dial digits from all the switches in communication

with the SMS 160. Furthermore, the whole purpose of the interface unit 170 is to prevent all messages from all switches from reaching the SMS 160. Thus, by including he interface unit 170, Swanson is blatantly teaching away from the recitations of claim 10 such that there can be no motivation to modify Swanson should the Examiner consider attempting an obviousness rejection based on Swanson.

Accordingly, Swanson fails to teach all the recitations of claim 10 and claim 10 is allowable over Farris for at least these reasons. Dependant claims 11-16 depend from an allowable claim 10 and are also allowable for at least the same reason.

Claims 27- 31

Claim 27 includes recitations similar to those discussed above for claim 10. In particular, claim 27 recites that all dial digits and all call records are communicated in real time from a plurality of remote telecommunications devices at a plurality of corresponding switches to the computing system via the switch master substantially instantaneously. Further it recites also generating a report in real time in response to a query. Still further it recites that the switch master is in communication with the telecommunications switches, a billing system and the computing system.

As noted above in relation to claim 10, these recitations of claim 27 relating to all dial digits being communicated to the switch master from a plurality of remote telecommunication devices at a plurality of corresponding switches are also contrary to Swanson. As stated above, Swanson is specifically directed to filtering out certain messages with the interface unit 170 so that only certain messages are allowed to pass to the SMS 160. Thus, Swanson is teaching away from the recitations of claim 27.

Furthermore, Swanson makes no mention of the SMS 160 being in communication with a billing system. In fact, it would be illogical to rely on the SMS 160 of Swanson to provide dial digits for use by a billing system to generate bills because Swanson only passes a select set of dial digits to the SMS 160 such that the billing system would not be able to accurately bill for calls based on the information being received by the SMS 160. Accordingly, claim 27 is allowable over Swanson for at least these reasons. Dependent claims 28-31 depend from allowable claim 27 and are allowable for at least the same reasons.

Claims 32 and 41

Claims 32 and 41 include recitations similar to those of claim 10. In particular, claims 32 and 41 recite that the computer readable medium causes the computer to receive all call records substantially instantaneously after termination of one or more telecommunications transactions, store them. As noted above in relation to claim 10, recitations such as these of claims 32 and 41 are also contrary to Swanson, and claims 32 and 41 are allowable over Swanson for at least these reasons.

Claims 33-36

Claim 33 also include recitations similar to those of claim 10 regarding all dial digits, while also including recitations similar to claim 27 regarding the switch master being in communication with a billing system. These recitations include a system for managing all telephone call records in, comprising:

a plurality of telecommunication switches;
a switch master in communication with at least a billing system, a computer system and the plurality of telecommunication switches in real time:
... one or more sets of computer instructions configured to be executed by the computing system.... to perform acts selected from the group consisting of ... providing a real-time summary of the telecommunication call records

Accordingly, the telecommunication call records of the real-time summary refers back to all telephone call records of the system as set forth in the preamble, and it is the switch master in communication with the switches and the computer system that provide all the telecommunications call records for processing by the computer system. As noted above in relation to claim 10, these recitations of claim 33 are also contrary to Swanson, as Swanson discloses that less than all messages of a plurality of switches are provided to the SMS 160 due to filtering by the interface unit 170. Furthermore, as discussed above in relation to claim 27, these recitations are contrary to Swanson because the SMS 160 is not in communication with a billing system and doing so would be illogical in Swanson. Claim 33 is allowable over Swanson

for at least these reasons. Dependent claims 34-36 depend from allowable claim 33 and are allowable for at least the same reasons.

Claims 37-39

Claim 37 also include recitations similar to those of claim 10, however regarding all telecommunications records rather than specifically dial digits. These recitations include:

a plurality of telecommunication switching means for receiving all call records received from a telecommunication device substantially instantaneously after termination of at least one telecommunications transaction;

a switch master control means operating in real time relative to the termination of the telecommunications transactions in communication with the plurality of telecommunication switching means;

computing system means operating in real time relative to the termination of the telecommunications transactions in communication with the switch master control means;

storage means operating in real time relative to the termination of the telecommunications transactions in communication with the computing means for storing all telecommunication call records therein,

Thus, the storage means in communication with the computing system means stores all communication call records, where the computing system means is in communication with the switch master which is in communication with the plurality of telecommunication switches that receive “all call records.” Thus, for the storage means to store all the call records, then all the call record as received by the plurality of switching means must be passed via the switch master control means to the computer means. As noted above in relation to claim 10, these recitations of claim 37 are also contrary to Swanson, since Swanson requires the interface unit 170 to limit the messages that are provided from the switch to the SMS 160 to be those “of interest” rather than all of them, and claim 37 is allowable over Swanson for at least these reasons. Dependent claims 34-36 depend from allowable claim 37 and are allowable for at least the same reasons.

Conclusion

Applicants assert that the application including claims 10-16, 27-39, and 41 is now in condition for allowance. Applicants request reconsideration in view of the amendments and remarks above and further request that a Notice of Allowability be provided. Should the Examiner have any questions, please contact the undersigned.

No fees are believed due. However, please charge any additional fees or credit any overpayment to Deposit Account No. 50-3025.

Respectfully submitted,

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